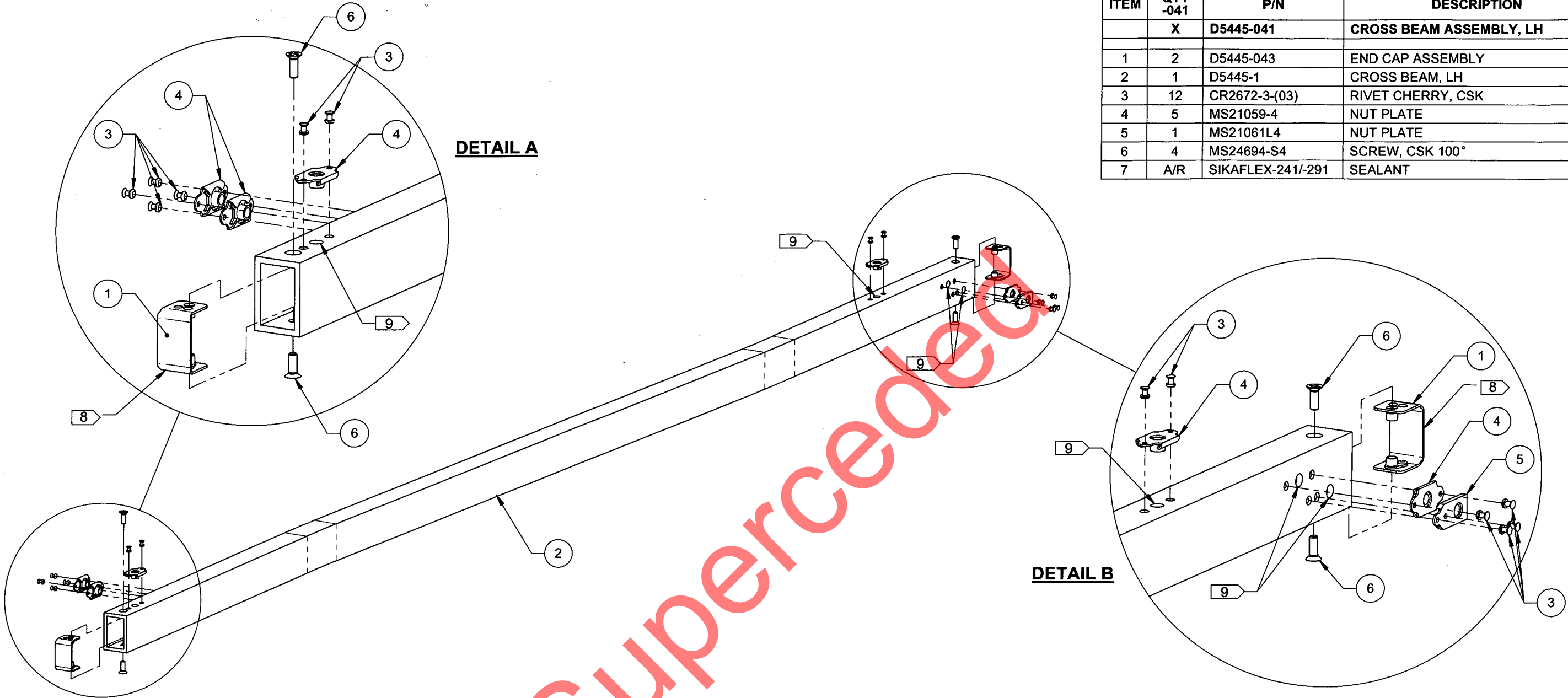


ITEM	QTY -041	P/N	DESCRIPTION
	X	D5445-041	CROSS BEAM ASSEMBLY, LH
1	2	D5445-043	END CAP ASSEMBLY
2	1	D5445-1	CROSS BEAM, LH
3	12	CR2672-3-(03)	RIVET CHERRY, CSK
4	5	MS21059-4	NUT PLATE
5	1	MS21061L4	NUT PLATE
6	4	MS24694-S4	SCREW, CSK 100°
7	A/R	SIKAFLEX-241/-291	SEALANT



D5445-041 CROSS BEAM ASSEMBLY, LH

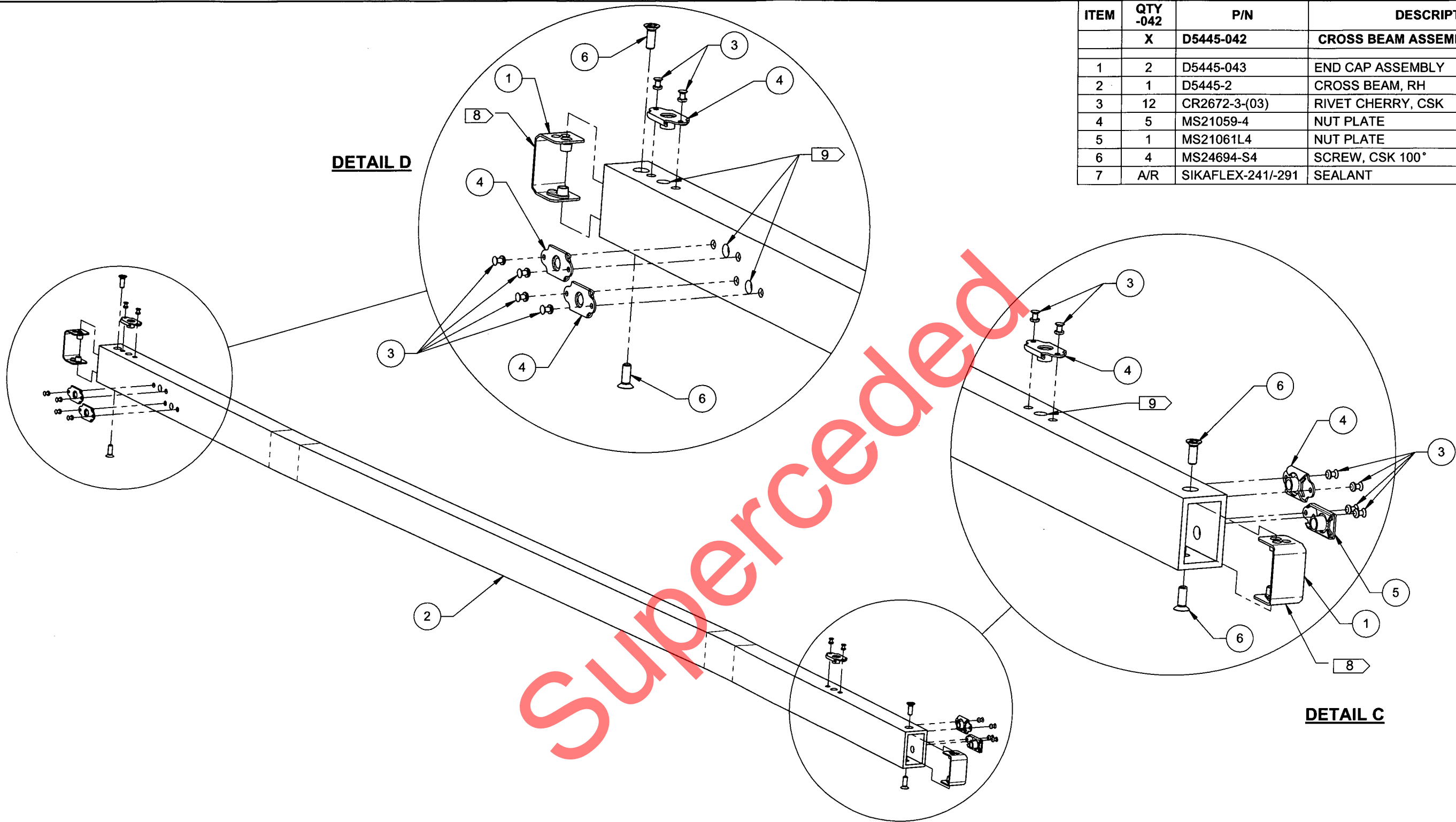
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 3.52 lbs
 - 8) SEAL END CAPS WITH SIKAFLEX-241/-291
 - 9) MASK NUT PLATE HOLES PRIOR TO POWDER COAT

RELEASED
2016-06-29
EEN16-579

APPROVED

A	NEW ISSUE	RF	16.05.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5445	SHEET 1 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CROSS BEAM ASSEMBLY	NTS
DATE	16.05.24	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -042	P/N	DESCRIPTION
	X	D5445-042	CROSS BEAM ASSEMBLY, RH
1	2	D5445-043	END CAP ASSEMBLY
2	1	D5445-2	CROSS BEAM, RH
3	12	CR2672-3-(03)	RIVET CHERRY, CSK
4	5	MS21059-4	NUT PLATE
5	1	MS21061L4	NUT PLATE
6	4	MS24694-S4	SCREW, CSK 100°
7	A/R	SIKAFLEX-241/-291	SEALANT



D5445-042 CROSS BEAM ASSEMBLY, RH

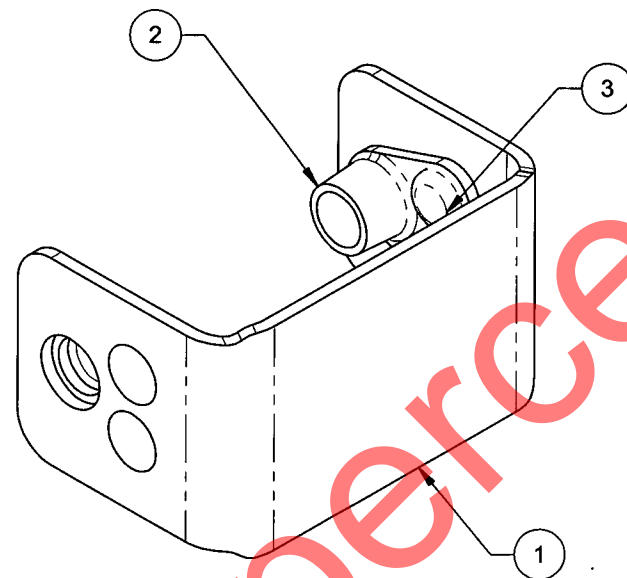
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 3.52 lbs
 - 8) SEAL END CAPS WITH SIKAFLEX-241/-291
 - 9) MASK NUT PLATE HOLES PRIOR TO POWDER COAT

RELEASED
2016 -06- 2 9

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5445	SHEET 2 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CROSS BEAM ASSEMBLY	NTS
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ITEM	QTY -043	P/N	DESCRIPTION
	X	D5445-043	END CAP ASSEMBLY
1	1	D5445-3	END CAP
2	2	MS21086L08	ANCHOR NUT
3	4	MS20426AD3-(4)	RIVET, SOLID, CSK



D5445-043 END CAP ASSEMBLY

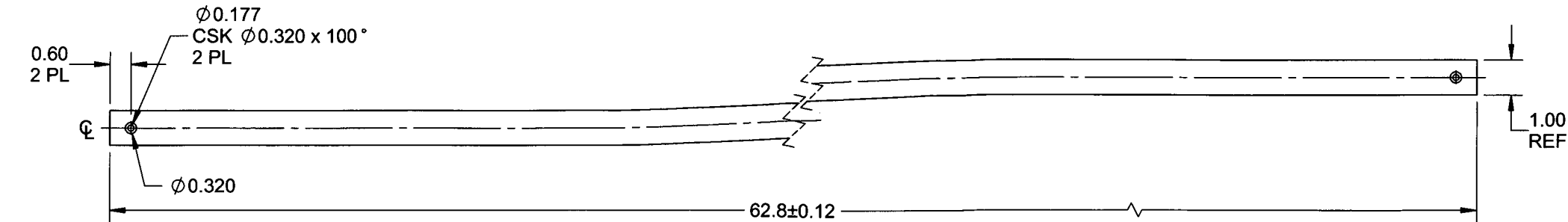
- NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.7
7) WEIGHT: 0.01 lbs

RELEASED
2016-06-29

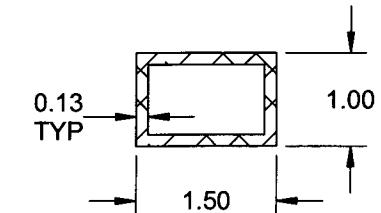
APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO. D5445	REV. A
MFG. APPR.	JLM		SHEET 3 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CROSS BEAM ASSEMBLY	NTS
DATE	16.05.24	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

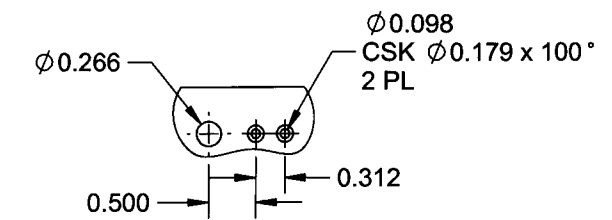
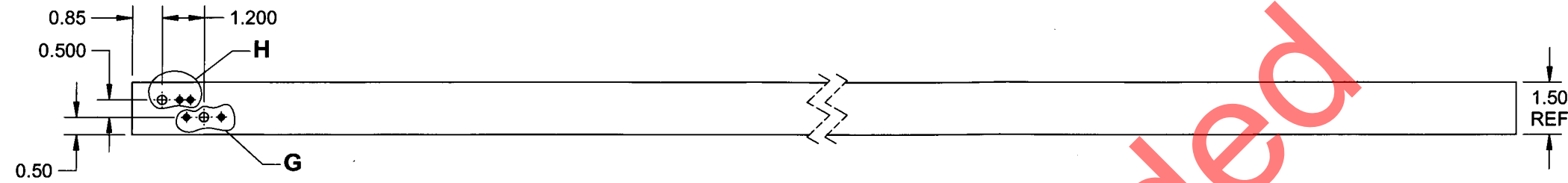
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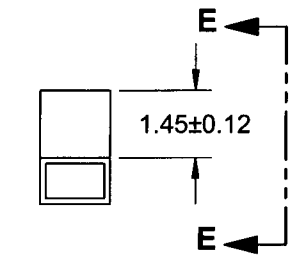
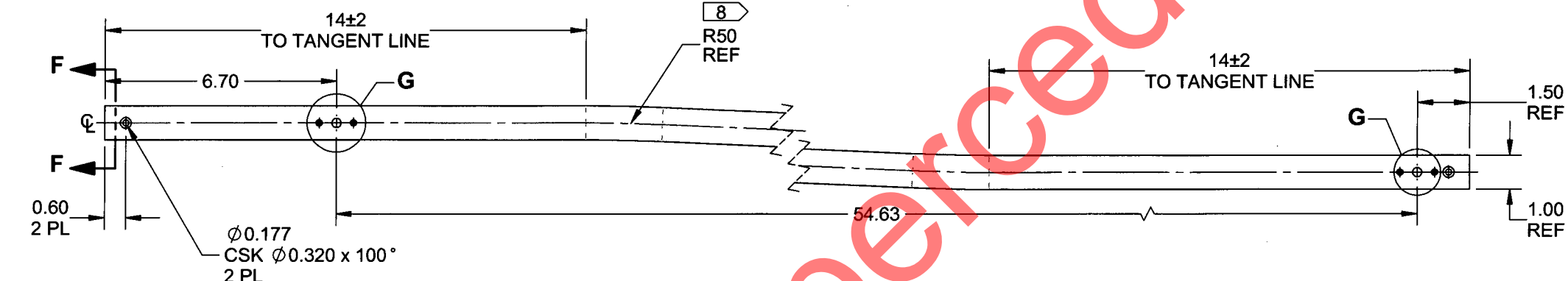
VIEW E-E



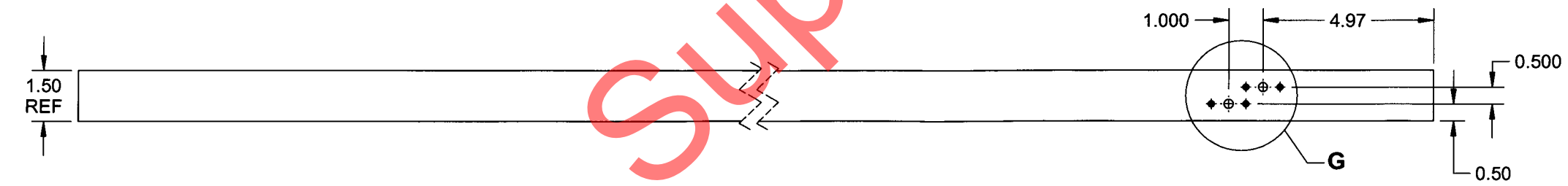
SECTION F-F



DETAIL H



DETAIL G



D5445-1 CROSS BEAM, LH

NOTES:

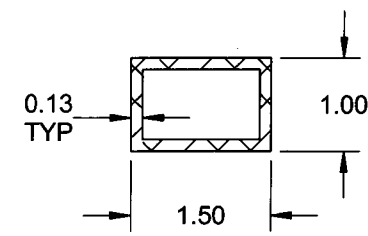
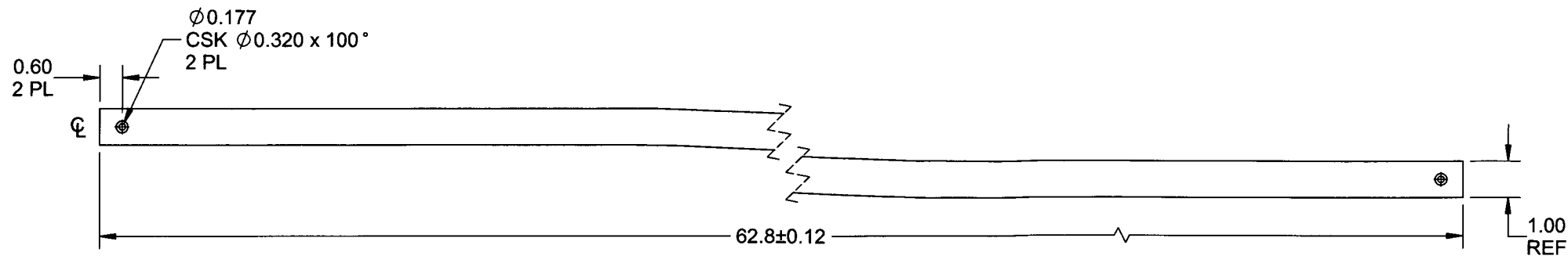
- 1) MATERIAL: POSSIBLE VENDOR McMASTER CARR, P/N 6546K38, 6ft IN LENGTH
6061-T6 RECTANGULAR TUBE 1.5" x 1.0" x 0.125" WALL
PER ASTM B221, YIELD STRENGTH: 35,000 psi
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 3.44 lbs
- 8) BEND RADIUS NOT CRITICAL

RELEASED
2016-06-29

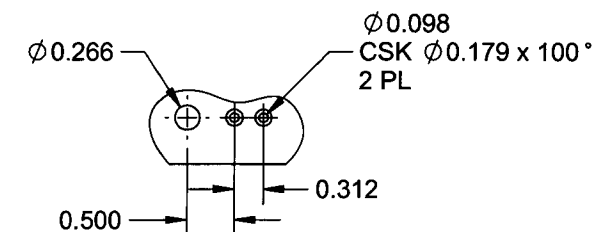
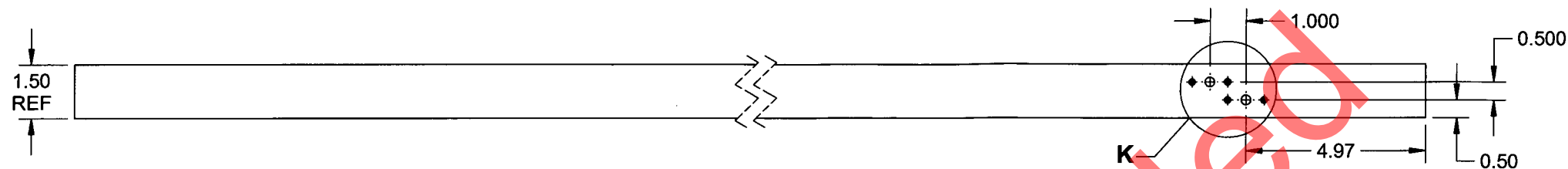
APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO. D5445	REV. A
MFG. APPR.	JLM		SHEET 4 OF 6
APPROVED	HS	TITLE CROSS BEAM ASSEMBLY	SCALE NTS
DE APPR.	DS	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	16.05.24		

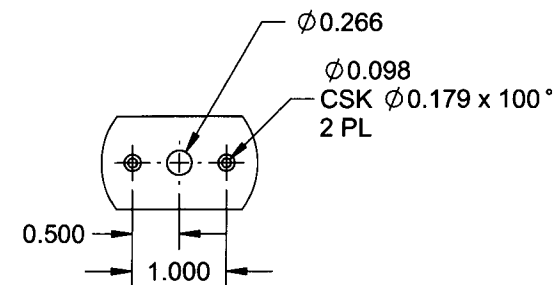
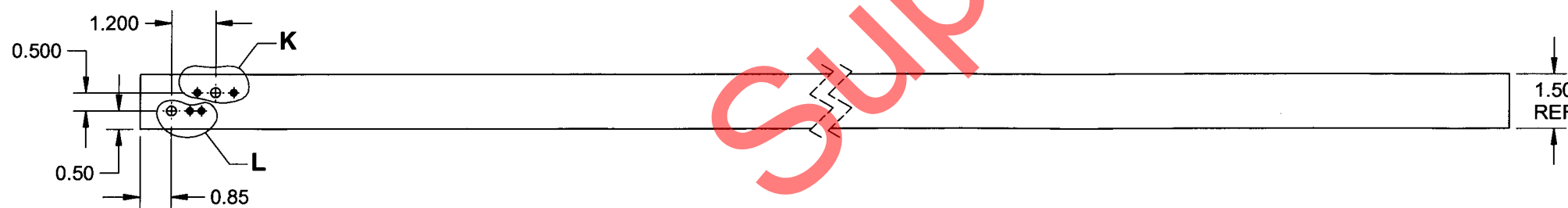
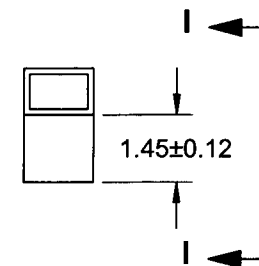
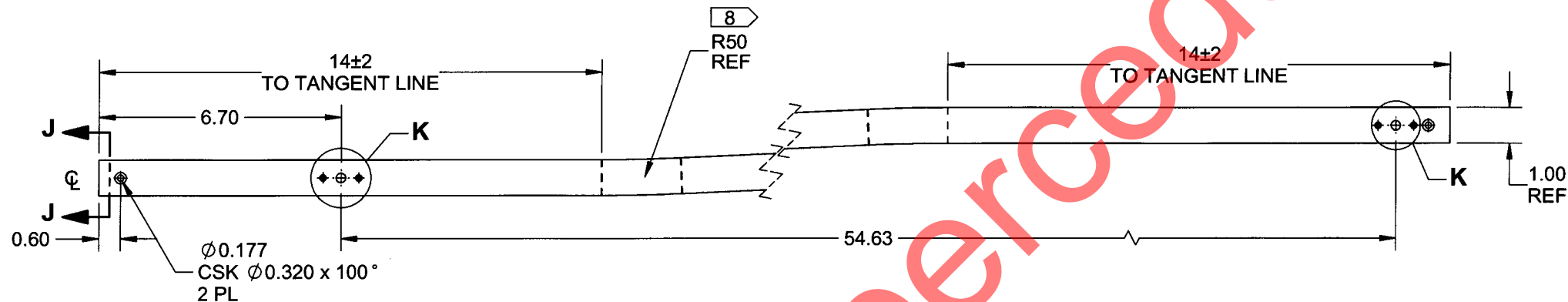
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SECTION J-J



DETAIL L



DETAIL K

D5445-2 CROSS BEAM, RH

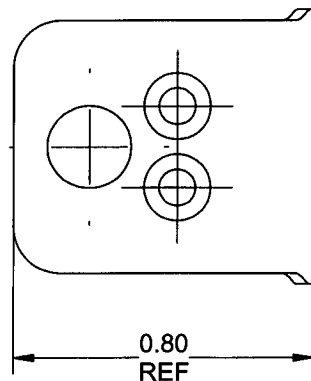
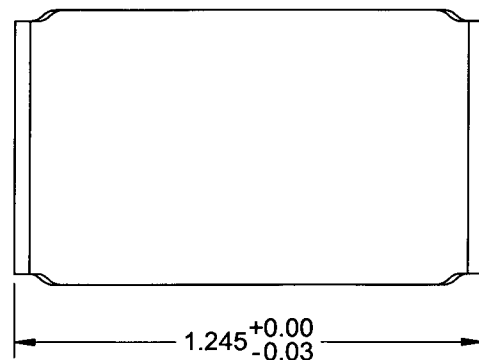
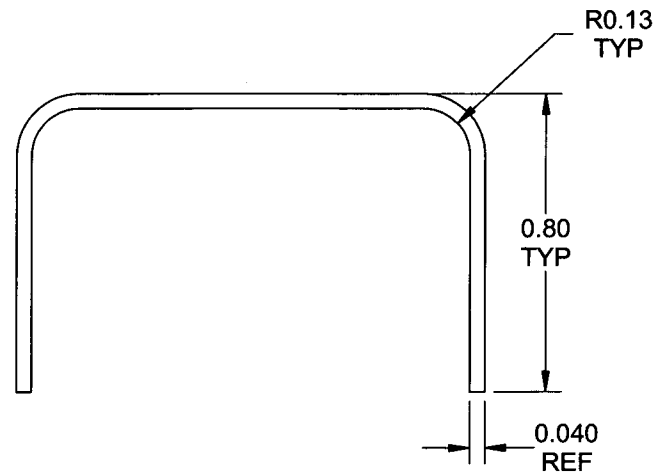
NOTES:

- 1) MATERIAL: POSSIBLE VENDOR McMASTER CARR, P/N 6546K38, 6ft IN LENGTH
6061-T6 RECTANGULAR TUBE 1.5" x 1.0" x 0.125" WALL
PER ASTM B221, YIELD STRENGTH: 35,000 psi
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 3.44 lbs
- 8) BEND RADIUS NOT CRITICAL

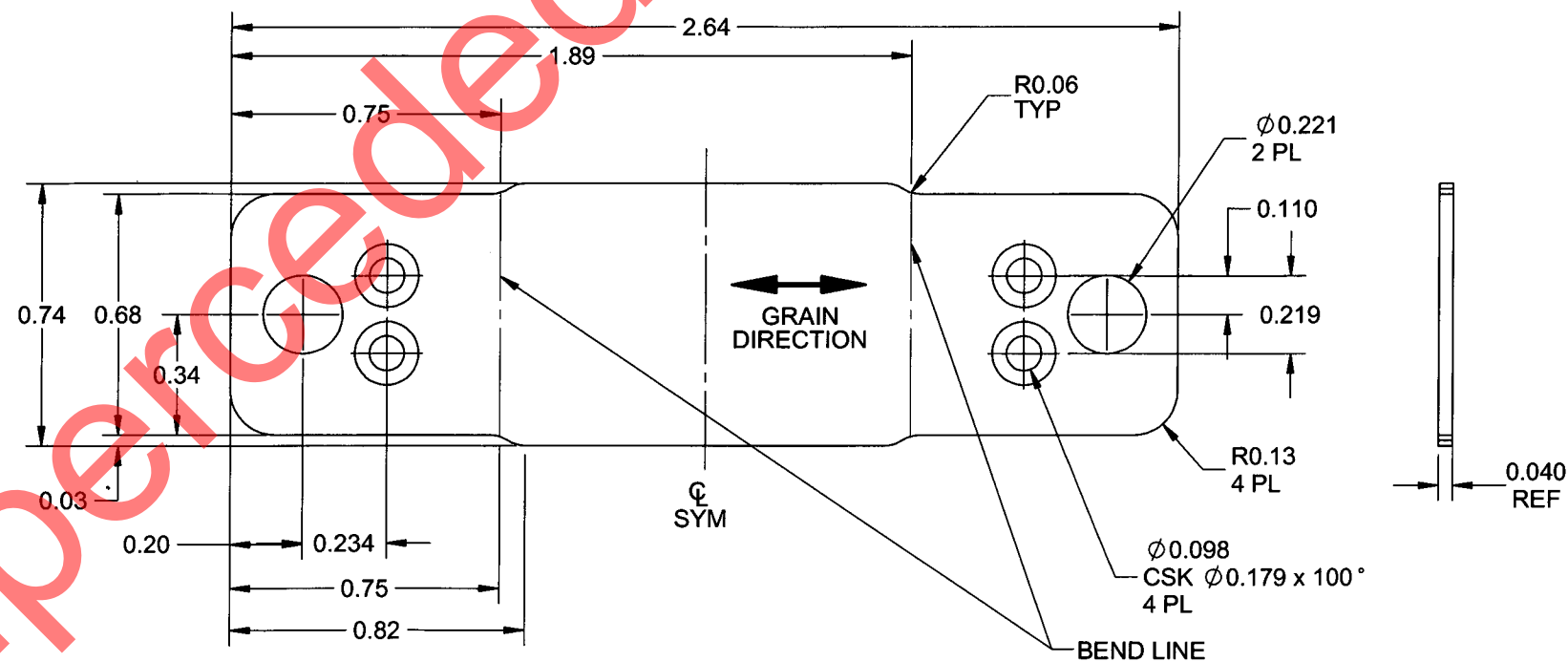
RELEASED
2016-06-29

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5445	SHEET 5 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CROSS BEAM ASSEMBLY	NTS
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D5445-3 END CAP
(MAKE FROM D5445-3F)



D5445-3F FLAT PATTERN

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027 OR ASTM B209
REF DART SPEC M6061T6S
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

RELEASED
2016-06-29

APPROVED

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5445	SHEET 6 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CROSS BEAM ASSEMBLY	NTS
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